

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A system for bypassing an aneurysm comprising a first prosthesis and at least one bypass prosthesis, including at least one stent and graft material in fluid communication with the first prosthesis, the first prosthesis comprising a stent structure including a proximal section configured to engage a healthy section of artery above a branch artery upstream of an aneurysm, a distal section, and an intermediate section disposed between the proximal and distal sections, the proximal section comprising a substantially diamond like lattice configuration, the distal section comprising a substantially diamond like lattice configuration and a plurality of longitudinally extending legs, the intermediate section comprising a plurality of struts extending substantially orthogonal between the proximal and distal sections and configured to allow blood flow through the branch artery, at least one of the proximal and distal sections comprising a sealing material attached thereto, the sealing material being distinct from the graft material and comprising a compressible foam, the distal section being configured to receive the at least one bypass prosthesis.

Claim 2 (Cancelled):

Claim 3 (Cancelled)

Claim 4 (Cancelled):

Claims 5-6 (Cancelled)

Claim 7 (Previously Presented): The system of claim 1 wherein a proximal portion of the distal section is configured to receive a proximal portion of the at least one bypass prosthesis.

Claim 8 (previously presented): The system of claim 1 wherein the distal section is configured to receive two bypass prostheses.

Claim 9 (Cancelled):

Claims 10-28 (Cancelled)

Claim 29 (Withdrawn): A system for bypassing an aneurysm comprising a first prosthesis and at least one bypass prosthesis communicating with the first prosthesis, said first prosthesis comprising a stent including a first matrix and a second matrix and a plurality of longitudinally extending struts connecting the first matrix to the second matrix, the plurality of struts include an intermediate section in which the struts are in close proximity to one another.

Claim 30 (Withdrawn): The system of claim 29 further comprising a graft material configured to engage the second matrix.

Claim 31 (Withdrawn): The system of claim 29 wherein the intermediate section comprises a joint.

Claim 32 (Withdrawn): The system of claim 29 wherein the intermediate section comprises a hinge.

Claim 33 (Withdrawn): The system of claim 29 wherein the intermediate section comprises an axis.

Claim 34 (Withdrawn): The system of claim 29 wherein the intermediate section comprises a hub.

Claim 35 (Withdrawn): The system of claim 29 wherein the intermediate section is configured to allow the first prosthesis to bend.

Claim 36 (Withdrawn): The system of claim 29 wherein the intermediate section is configured into an angle.

Claim 37 (Withdrawn): The system of claim 36 wherein the angle is greater than about forty-five degrees.